Hydrometeorology Testbed

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ABSTRACT

The NOAA Hydrometerology Testbed (HMT) conducts applied research on precipitation and weather conditions that can lead to flooding, and fosters transition of scientific advances and new tools into National Weather Service forecasting operations. HMT addresses its goals through innovation, demonstration and infusion across five key major activity areas [QPE, QPF, Snow, Hydrologic application, and decision support). HMT's regional field research implementations started in California. Additional pilot projects have been initiated in the Pacific Northwest, Southeast and Rocky Mountain West. HMT is managed and coordinated by NOAA's Physical Sciences Division (PSD) in the Earth System Research Laboratory and the National Weather Service's (NWS) Weather Prediction Center (WPC). HMT also collaborates with the NWS at local and regional levels as well as other national, regional, and local agencies, and universities. This talk will highlight HMT activities and accomplishments in both PSD and WPC over the FY14-mid FY15 time period.